

a) Overlap 11

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5' t a t t c t t t g c t c a a a a t t t g a t c a a a g a a t a 3'
[-----] EcoRI
-t t g t c d i a a t t t a C a a a F i s 18.1 bits

-t t g t c d i a a t t t a C a a a F i s 18.1 bits

FIG. 8a.

b) Overlap 7

* * * * *
5' a g g c t t t t g c t c a a a a t t t a a a c t t g a g c a a a g c c t 3'
[-----] EcoRI
-t t g t c d i a a t t t a C a a a F i s 12.7 bits

-t t g t c d i a a t t t a C a a a F i s 12.7 bits

FIG. 8b.

c) S parat d 23

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5' g g a a t t c t t t g c t c a a a a t t t g a t c a g g a t c c t g a t c a a a t t t t g a g c a a a g a a t t c c 3'
[-----] EcoRI
-t t g t c d i a a t t t a C a a a F i s 15.0 bits

-t t g t c d i a a t t t a C a a a F i s 15.0 bits

FIG. 8c.